

**Work Order ID 64522**

Tuesday, December 07, 2010 11:09:06 AM



SHIP DEC 21

Page 1

Item ID: D412-702-021

Accept



Setup Start



Revision ID:

Stop



Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 12/8/2010 Start Qty: 2.00



Cust Item ID:

Required Date: 12/21/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: mm Date: 10-12-07

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
N/A	Rev N/A								

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D412-702-021 CHG002

8/10/12/17

R/10-12-14  
2

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

12/12/15  
S

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

8/10/12/17

+2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 64522**

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Item ID: D412-702-021

Accept

Setup Start

Revision ID:

Stop

Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 12/8/2010 Start Qty: 2.00

Cust Item ID:

Required Date: 12/21/2010 Req'd Qty: 2.00

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-702-021

Location: S2

RWB

10/12/178 (20)

140

0.00



QC

QC21- Final Inspection - Work Order Release

Memo

0.00

Quality Control

10/12/178  
CL10112117

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 64522

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 12/8/2010


Required Date: 12/21/2010

Start Qty: 2.00

Required Qty: 2.00


Comments: IPP Rev:B Removed Manufacturing 05-11-08 JLM  
 IPP Rev:C 06.04.03 As per DSI9324 JLM  
 IPP rev D 06.12.14 per ecn 871 EC  
 IPP Rev:E 07-03-14 As per DSI 9351 JLM  
 IPP Rev:F 07-07-28 As per Rev E JLM Verified By:ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN4-13A  Bolt		Purchased	No			120	Each	452.0000	4	8		10/12/15	
---	--	-----------	----	--	--	-----	------	----------	---	---	--	----------	--


Location	Loc Qty	Loc Code
----------	---------	----------

ST357	452	
116191	452	

AN4-20A  Bolt		Purchased	No			120	Each	398.0000	8	16		10/12/15	
---	--	-----------	----	--	--	-----	------	----------	---	----	--	----------	--

Location	Loc Qty	Loc Code
----------	---------	----------

ST359	398	
104016	198	
115936	200	

AN4-5A  Bolt		Purchased	No			120	Each	243.0000	4	8		10/12/15	
--	--	-----------	----	--	--	-----	------	----------	---	---	--	----------	--

Location	Loc Qty	Loc Code
----------	---------	----------

ST356	243	
115016	43	
115936	100	
116191	100	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 64522

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 12/8/2010

Required Date: 12/21/2010

Start Qty: 2.00

Required Qty: 2.00

AN960JD416

NAS1149D0463J

Purchased

No

120

Each

30.0000

20

40



Washer



1116289 10/12/10

## Location

## Loc Qty

## Loc Code

ST300

24

113288

24

ST356

6

115622

6

D3195-041

Manufactured

No

120

Each

4.0000

2

4



Bracket Assembly



10/12/10

## Location

## Loc Qty

## Loc Code

ST246A

4

62645

4

D3195-043

Manufactured

No

120

Each

1.0000

2

4



Bracket Assembly



10/12/10  
B0452534

## Location

## Loc Qty

## Loc Code

ST246A

1

62646

1

D3196-1

Manufactured

No

120

Each

12.0000

1

1/2



Bar



10/12/10

## Location

## Loc Qty

## Loc Code

ST246A

3

31466

3

ST260

9

30146

5

39319

4

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W/O:		WORK ORDER CHANGES					
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 12/8/2010

Required Date: 12/21/2010

Start Qty: 2.00

Required Qty: 2.00

S-73  
D3196-3  
Bar

Manufactured No

120

Each

2.0000



10/12/15

Location

Loc Qty

Loc Code

ST260

2

62647

2

2

S-72  
D3196-4  
Bar

Manufactured No

120

Each

0.0000



2

B64527 10/12/15

S-72  
D3197-041  
Bar Assembly

Manufactured No

120

Each

0.0000



2

B64028 10/12/15

S-72  
D3198-1  
Fitting

Manufactured No

120

Each

33.0000



4

8 10/12/15

Location

Loc Qty

Loc Code

ST246A

33

39320

7

39525

26

7

S-72  
D3268-1  
Placard

Manufactured No

120

Each

2.0000



2

B64529 10/12/15 26

Location

Loc Qty

Loc Code

ST245

2

43643

2

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 64522

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 12/8/2010

Required Date: 12/21/2010

Start Qty: 2.00

Required Qty: 2.00

D3446-041

Manufactured No

120

Each

70.0000

9 18

S  
+2 Harness Assembly

Location

Loc Qty

Loc Code

ST413

70

40425

7

40783

48

41070

15

1  
15

D3446-043

Manufactured No

120

Each

167.0000

4

S  
+2 Harness Assembly

Location

Loc Qty

Loc Code

st417

167

40426

35

40457

2

40458

25

41001

98

41071

7

8

D3546-1

Manufactured No

120

Each

13.0000

2

S  
+2 Clip

Location

Loc Qty

Loc Code

ST245

13

35150

1

56649

12

4

D3551-11

Manufactured No

120

Each

16.0000

13

S  
+3 Hook and Loop Tie

Location

Loc Qty

Loc Code

ST245

16

62648

16

16

26 10x  
B64530 12/10/1558 64

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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 64522

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 12/8/2010

Required Date: 12/21/2010

Start Qty: 2.00

Required Qty: 2.00

D412-702-069

Manufactured

No

120

Each

1.0000



Grommet

Location

Loc Qty

Loc Code

FG122

1

62649

1

120

Each

4,898.000

12

MS21042L4

Purchased

No



Nut

Location

Loc Qty

Loc Code

ST300

4898

1123143

2

115589

296

115621

1100

116188

3500

120

Each

33.0000

8

MS24694-S152

Purchased

No



Screw

Location

Loc Qty

Loc Code

ST289A

33

103641

33

120

Each

72.0000

8

MS24694-S154

Purchased

No



SCREW

Location

Loc Qty

Loc Code

ST290

72

112082

22

116328

50

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

REFERENCE ONLY

QTY -021	QTY -023	QTY -025	QTY -027	QTY -029	QTY -035	Part Number	Description
X						D412-702-021	Dart 13-Man Shoulder Harness Kit, 4-point
	X					D412-702-023	Dart 5-Man Forward Facing Shoulder Harness Kit, 4-point
		X				D412-702-025	Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point
			X			D412-702-027	Dart 4-Man Side Facing Shoulder Harness Kit, 4-point
				X		D412-702-029	Dart 1-Man Forward Facing Shoulder Harness Kit, 4-point
					X	D214-702-035	Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1
1	1		1	1		D412-702-069	GROMMET KIT
2	2					D3195-041	BRACKET
2	2					D3195-043	BRACKET
1	1			1		D3196-1	BAR
1			1			D3196-3	BAR
1			1			D3196-4	BAR
2	2					D3197-041	BAR
4		4				D3198-1	FITTING
2	2					D3268-1	PLACARD
9	5		4	1		D3446-041	HARNESS ASSEMBLY, 4 POINT
4		4				D3446-043	HARNESS ASSEMBLY, 4 POINT
					5	D3446-045	HARNESS ASSEMBLY, 4 POINT
13	5	4	4	1	5	D3551-11	HOOK AND LOOP TIE
2	2					D3546-1	CLIP
4		4				AN4-5A	BOLT
4	4					AN4-13A	BOLT
8		8				AN4-20A	BOLT
20		20				AN960JD416	WASHER
12		12				MS21042L4	NUT (OR MS21042-4)
8	2		6	2		MS24694-S152	SCREW
8	2		6	2		MS24694-S154	SCREW